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**From:** Simon, Michelle [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=A5BCF673944B4F04BBE1EA3D564464E8-SIMON, MICHELLE]  
**Sent:** 9/4/2018 8:12:42 PM  
**To:** Hiscock, Michael [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=992b117a1981415689779a494e938f97-Hiscock, Michael]  
**CC:** Murray, Regan [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=4b06d968152a4cefb83c9864ff5c89c6-Murray, Regan]  
**Subject:** FW: Modeling Support Center goals/background  
**Attachments:** Terms and Conditions.pdf; UT Austin Revised Full Proposal 4\_5.pdf

Michael,

I went back and reviewed the Cooperative Agreement. **EPA never promised to assist NCIMM in becoming financially sustainable.**

Listed below is Alice's summary of the RFA and she correctly recorded what was in the RFA.

Here is another section:

"EPA is interested in supporting a National Center for Sustainable Water Infrastructure Modeling Research (Center) to

- i) promote research and development of computational models focused on answering key questions related to planning, managing and operating water resource systems and
- ii) develop a sustainable water infrastructure modeling community and lead cutting edge research in the field of sustainable water infrastructure. Although EPA cannot fund commercialization, applicants are strongly encouraged to leverage resources and collaborative opportunities, and build on those resources and collaborative opportunities throughout the life of the Center with the goal of achieving self-sufficiency by the end of the five year project period. While the ultimate structure of the Center will be determined by the applicant, activities within each of the Center's three *core* components could include some or all, and would not necessarily be limited to, the following research areas:

In the Cooperative Agreement Terms and Conditions, we promised to provide:

#### M. Cooperative Agreements

- a. EPA investigators from the EPA's ORD/NRMRL/WSWRD and ORD/NHSRC/WIPD will be substantially involved in the proposed research. The nature of these interactions is set forth below.

Lab/Division	Project Title	Research Contribution
1. Michael Tryby, NRMRL/Water Supply Water Resource Division, Cincinnati, OH	1. RD83595001, A Sustainable Center for Crowd-Sourced Water Infrastructure Modeling (University of Texas at Austin, Ben R. Hodges)	1. Tryby will work with the University of Texas at Austin providing expertise in drinking water distribution and urban drainage infrastructure modeling. He will contribute his knowledge of how SWMM and EPANET are structured and written.
2. Rob Janke, NHSRC/Water Infrastructure Protection Division, Cincinnati, OH	2. RD83595001, A Sustainable Center for Crowd-Sourced Water Infrastructure Modeling (University of Texas at Austin, Ben R. Hodges)	2. Janke will work with the University of Texas at Austin team providing expertise in water infrastructure security and water distribution system modeling. He will contribute his experience in managing numerous research efforts that have resulted in model based research products.

- b. When a change in the individuals involved or the nature of the interactions is anticipated, the recipient agrees to provide notification to the Project Officer 30 calendar days in advance by updating this table.

Let's talk tomorrow.

Michelle

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**From:** Gilliland, Alice  
**Sent:** Thursday, May 21, 2015 8:46 AM  
**To:** Ernst, Hiba <Ernst.Hiba@epa.gov>; Simon, Michelle <Simon.Michelle@epa.gov>  
**Subject:** Modeling Support Center goals/background

Hiba and Michelle,

Here are my thoughts that I summarized yesterday in our meeting regarding the background and goals that drove the development of this RFA:

- As described in the RFA ([http://www.epa.gov/ncer/rfa/2014/2014\\_star\\_sustainable-water.html#Interest/Expected\\_Outputs](http://www.epa.gov/ncer/rfa/2014/2014_star_sustainable-water.html#Interest/Expected_Outputs)), the modeling support center is to conduct research in three areas:
  - Novel Research *that engages sustainable water infrastructure models, modelers, model users and stakeholders towards improving real time control of water systems, advancing water infrastructure software design, building the next generation of water modeling tools, and providing solutions to such difficult problems as climate change, water security, and environmental compliance.*
  - Community Support *that fosters, supports and trains a growing global community of sustainable water infrastructure modelers, model users, and stakeholders.*

(3) Model and Code Development *that maintains, supports and helps develop **freely available software models** of sustainable stormwater, wastewater, and water supply systems.*

- Item (2) above was recognized as a key priority need by the Agency (OW, Regions, and Administrator's Office).
- Feedback from communities was that the stormwater infrastructure modeling tools, like SWMM, should be more accessible to a wide variety of users.
- It is anticipated that training workshops or classes would be established by the center, so that individuals could learn more about water infrastructure models and their uses.
- EPA should be involved in the development of training curriculum and perhaps participate in some of the actual training.
- The (1) novel research and 3) modeling and code development areas are anticipated to help inform the next generation of modeling tools, considering a range of issues above. It is in these areas where EPA model developers expressed a lot of interest and engagement, clearly.

Please let me know your thoughts and questions, if any.

Thanks,  
Alice